

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
Office of Land and Water Resources

P. O. Box 10631
Jackson, MS 39289-0631
WATER WELL DRILLERS LOG

COUNTY WELL LOCATED Lamar	
WELL NUMBER U1E235	CODE 235
DATE WELL COMPLETED 9-18-95	

PERMIT NUMBER 14997
NAME OF DRILLING FIRM Layne Central
Jackson, MS.

NAME & MAILING ADDRESS OF LANDOWNER North Lamar Water Assoc.		
WELL LOCATION SW SW 29 4 N 14 E		
DISTANCE 1 Miles	DIRECTION South	NEAREST TOWN Oak Grove
OTHER LANDMARK Off Old Hwy 11 @ water tank		
WELL PURPOSE Home, Irrigation, Municipal, Industrial, Fish Pond, etc.		

PUMP DATA		
PUMP TYPE (Circle One): Submersible, Turbine , Jet, Flowing Well, Other (Describe) _____		
POWER TYPE (Circle One): Electric , Tractor, Diesel, Gasoline, Butane, Other (Describe) _____ H/P _____		
Pump Capacity (GPM) 500	No. of Stages 9	Setting Depth 370 FT.
PUMP TEST		
Well yielded 506 GPM with a drawdown of 32 ft. after 4 hours of pumping		

WELL DATA		
Well Depth 1359	Casing Diameter (In.) 12"	Casing Length (Ft.) 1310
Type of Casing Steel	Hole Depth 1407	Depth to Static Water Level 287
TYPE OF COMPLETION: (Circle One or More): Gravel Packed , Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe) _____		
WELL GROUTED TO A DEPTH OF 1310 FEET Type Grout (circle one): Cement, Bentonite, or Mix		

LOG DATA	
TYPE OF LOG RUN (Circle One): Electric , Gamma Ray , Density, Sonic, Neutron, Other (Describe) _____	
Name of Organization Layne Central	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks Office of Land & Water Resources			
Top of Lap Pipe or Reduction in Casing 1229 FEET			
IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE			

SCREEN DATA		
Diameter - Inches 8"	Length - Feet 40'	Slot Size - Inches 20"
Screen Type Ss. Rod Base	Depth to Bottom - Feet 1359	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Red Sand	20	20	Sandy Clay	1152	40
Sand + Pea gravel	85	65	Rock	1153	1
Clay	95	10	Shale + rock streaks	1185	32
sand	150	55	lime	1310	125
White Clay + sand Str.	220	70	sand	1360	50
Shale + Sand streaks	405	185	Hard Shale	1380	20
Sand + Clay streaks	460	55	Shale	1408	28
Clay	712	252			
sand	800	88			
shale + Sand streaks	1010	216			
Hard Clay + Sand streaks	1112	102			

IF MORE SPACE IS NEEDED, USE BACK